

CLAIMS

What is claimed is:

- 5 1. An integrated-type suction pipe module for refrigerators, comprising:
a suction pipe to define a refrigerant path between an evaporator and a
compressor, and comprising:
an exposed part placed in a machine room which is exposed to an
atmosphere; and
10 an embedded part which is placed to be isolated from the atmosphere; and
a foam body in which the embedded part is disposed.
2. The integrated-type suction pipe module for refrigerators according to claim 1,
further comprising a cover to cover the foam body in which the embedded part is
15 disposed.
3. The integrated-type suction pipe module for refrigerators according to claim 2,
further comprising a locking part provided at a predetermined portion of the cover to
mount the cover to a cabinet of a refrigerator.
- 20 4. The integrated-type suction pipe module for refrigerators according to claim 1,
further comprising a tube to cover a part of the exposed part of the suction pipe, which is
connected to the evaporator.
- 25 5. The integrated-type suction pipe module for refrigerators according to claim 4,

wherein the tube is disposed, at an end thereof, in the foam body.

6. The integrated-type suction pipe module for refrigerators according to claim 1, further comprising a capillary tube arranged in parallel to the suction pipe.

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7. A refrigerator, comprising:

a cooling compartment;

a machine room thermally insulated from the cooling compartment, and opened to an atmosphere;

10 an evaporator installed at a predetermined position in the cooling compartment;

a compressor installed at a predetermined position in the machine room; and

an integrated-type suction pipe module mounted to a predetermined portion of the machine room, and comprising:

a suction pipe, comprising;

15 an exposed part placed in the machine room; and

an embedded part which is placed to be isolated from the atmosphere;

and

a foam body in which the embedded part is disposed.

20 8. The refrigerator according to claim 7, wherein the integrated-type suction pipe module further comprises a cover to cover the foam body in which the embedded part is disposed.

9. The refrigerator according to claim 8, further comprising a locking part provided
25 at a predetermined portion of the cover to mount the cover to a predetermined portion of

the machine room.

10. The refrigerator according to claim 7, wherein the integrated-type suction pipe module further comprises a tube to cover a part of the exposed part of the suction pipe,
5 which is connected to the evaporator.

11. The refrigerator according to claim 10, wherein the tube is disposed, at an end thereof, in the foam body.

10 12. The refrigerator according to claim 7, wherein the integrated-type suction pipe module further comprises a capillary tube arranged in parallel to the suction pipe.